# UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

CERTIFICATE OF CORRECTION

PATENT NO. : 7,466,445 B2 Page 1 of 4 APPLICATION NO. : 10/619387

DATED : December 16, 2008

INVENTOR(S) : Kress

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

The title page, showing an illustrative figure, should be deleted and substitute therefor the attached title page.

In the Drawings:

Replace Fig. 1 with the following:

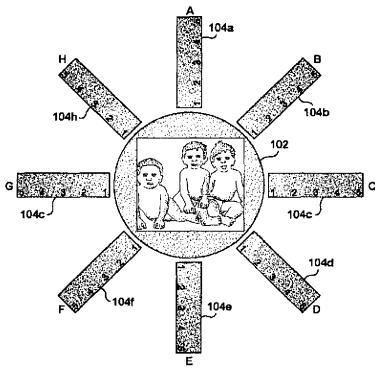


FIG. 1

Replace Fig. 2 with the following:

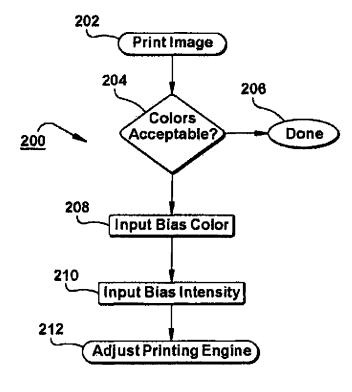
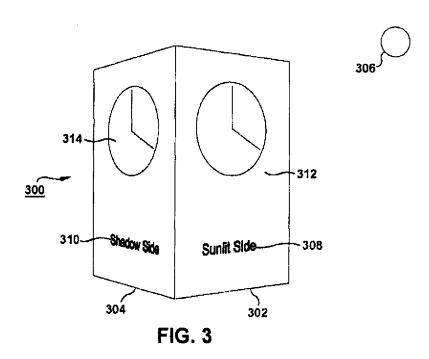
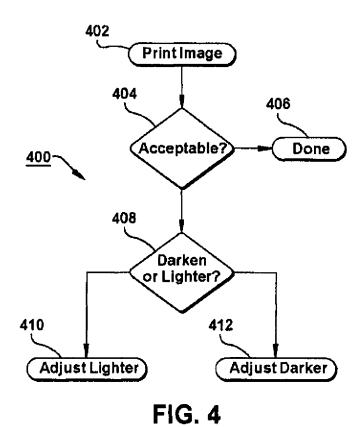


FIG. 2

Replace Fig. 3 with the following:



Replace Fig. 4 with the following:



Signed and Sealed this

Fifth Day of January, 2010

David J. Kappos

Director of the United States Patent and Trademark Office

# (12) United States Patent

(10) Patent No.:

US 7,466,445 B2

(45) Date of Patent:

Dec. 16, 2008

(54)	COLOR AND DENSITY CALIBRATION OF	
	COLOR PRINTERS	

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(73) Assignces: Toshiba Corporation (JP); Toshiba Tec Kabushiki Kaisha (JP)

(\*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35

U.S.C. 154(b) by 1011 days.

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(65) Prior Publication Data

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(51) Int. Cl.

G06F 15/00 (2006.01)

G03F 3/08 (2006.01)

G06K 9/00 (2006.01)

(52) U.S. CL ....... 358/1,9; 358/518; 382/167

See application file for complete search history.

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#### (57) ABSTRACT

A method for performing visual calibrations on a color printer. For calibrating relative intensities of colors, a predetermined image is printed by an image output apparatus. A user then selects a bias color and an intensity from a reference. The image output apparatus then adjusts its print engine based on the selection. For density calibration an image is printed, preferably once with a light background, and once with a dark background. The user then selects an adjustment after visually comparing the printed image with a reference image and adjusts the printer by noting whether details are missing from the printed image on the light background image or the dark background image.

### 18 Claims, 4 Drawing Sheets

